

Program Notice

FGIS-PN-03-04

8-18-03

NATIONAL SOYBEAN SAMPLE COLLECTION PLAN FOR THE PESTICIDE RESIDUE PROGRAM

1. PURPOSE

This notice outlines procedures for collecting soybean samples to analyze for pesticide residues.

2. BACKGROUND

The Grain Inspection, Packers and Stockyards Administration, Federal Grain Inspection Service (FGIS), in cooperation with the Agricultural Marketing Service (AMS), is collecting samples to evaluate specific State or regional concerns related to residual pesticides. From October 1, 2003, through August 31, 2004, FGIS and official inspection agencies will collect and forward 600 soybean samples to the Technical Services Division (TSD) of FGIS for pesticide residue analysis. TSD will analyze the samples and transmit the results to AMS for inclusion in the Pesticide Data Program (PDP).

The PDP provides the most scientific, comprehensive database available on actual residue levels found in the U.S. food supply and is used by the Environmental Protection Agency to assess dietary exposure to pesticide residues.

In addition to the pesticide analysis performed by TSD, 450 samples from Phase 1 collection period will be collected and sent to a private laboratory (Morse Laboratories) in Sacramento, California, for additional testing.

3. SAMPLE COLLECTION

The sample collection rates are based on average crop production totals by state and are further divided into collection periods (phase 1 and phase 2) according to harvest and sales data. Field office managers are asked to coordinate the study within their assigned area of responsibility to assure that FGIS and/or the official agency providing inspection service in the area are collecting and forwarding samples according to the assignment table. As in previous sample collections, support by field office managers and agency managers is essential for successful completion of this project.

The PDP collection plan is based on official sample-lot inspections (including official commercial inspections where official sampling procedures are followed) from domestic lots representing trucks, hopper cars, and barges. **Submitted samples and export lots are excluded from the survey.**

Field office managers have the option of forwarding samples collected by official agencies to TSD, or supplying mailing materials for agencies to mail samples directly to TSD.

4. SAMPLE COLLECTION PROCEDURES

a. Sample Collection Period.

Sample collection is divided into two separate phases as follows:

Phase 1 (October 1, 2003 - February 29, 2004), 450 samples. **Samples for TSD and Morse Laboratories.**

Phase 2 (April 1, 2004 - August 31, 2004), **150 samples for TSD only.**

b. Field Office Assignments.

The sample collection assignments per field office are listed in attachment 1 to this notice.

c. Sample Size.

(1) Phase 1 - 450 samples

Obtain a 1,000-gram (minimum) portion from each sample selected for the survey. Divide the sample in half and send identical portions to TSD for pesticide residue analysis and to Morse Laboratories for supplemental testing.

(2) Phase 2 - 150 samples

Obtain a 500-gram (minimum) portion from each sample selected for the survey and send to TSD for pesticide residue testing.

NOTE: Official inspection personnel may send the file sample or a representative portion of the official sample provided that the minimum size requirements are met.

d. Sample Information.

With each sample mailed to TSD or Morse Laboratories, include, at a minimum, the following information in the appropriate sections of the PDP Sample Transmittal Form (see attachment 2).

- (1) Inspection Location - Location of grain at time of inspection (elevator or service point name, city, State).
- (2) Inspection Point Code - FGIS assigned code for the inspection point.
- (3) Field Office Location - Field office sending the sample or supervising field office.
- (4) Agency - FGIS or official agency collecting the sample.
- (5) Carrier Identification - Truck, barge, or railcar identification (e.g., CSXT 10597).
- (6) Type - Type of carrier.
- (7) State of origin - List the State where the grain was grown. If unknown, list the State where the grain was officially sampled.
- (8) Date of inspection - Inspection certification date.
- (9) Quantity - Approximate quantity (bushels) of lot inspected.

e. Mailing Requirements.

Since the sample collection plan has been divided into two separate collection phases spread out over extended periods of time, field offices/official agencies should make an effort to forward the PDP samples to TSD and Morse Labs (as applicable) on a continuous basis throughout the collection periods.

Secure each sample in a polyethylene bag, attach a completed PDP Sample Transmittal Form, and insert into a cardboard box (preferred) or a canvas mailing bag.

For samples mailed to TSD, record "PDP" on the cardboard box or back of the mailing tag and send the samples to:

USDA/GIPSA/FGIS Technical Center
ARTS/Trace Analysis Lab
10383 North Ambassador Drive
Kansas City, MO 64153-1394

For samples mailed to Morse Laboratories, send the samples to the following address.

LAB Code TR1
Morse Laboratories Incorporated
1525 Fulton Avenue
Sacramento, CA 95825

f. Management Codes.

A separate management code (9522224) has been established for recovering costs associated with the PDP program. Field offices shall use this management code exclusively for mailing fees and for time associated with PDP sample preparation.

5. QUESTIONS

Please direct any questions regarding the sample collection process to the Policies and Procedures Branch at (202) 720-0252.

/s/ David Orr

David Orr, Director
Field Management Division

Attachments

| Collection Assignments | | | Number of Samples | | |
|------------------------|-------------------------|---|-------------------|---------|-------|
| Field Office | Collection Area (State) | Agency(s) | Phase 1 | Phase 2 | Total |
| Cedar Rapids | Illinois | Central Illinois, Champaign, Decatur, Eastern Iowa, Keokuk, McCrea, Springfield | 80 | 27 | 107 |
| Cedar Rapids | Iowa | Central Iowa, Eastern Iowa, Keokuk, McCrea, Mid-Iowa, Schaal, Sioux City, Tischer | 81 | 27 | 108 |
| Grand Forks | North Dakota | Grand Forks, Jamestown, Minot, North Dakota | 10 | 3 | 13 |
| Grand Forks | South Dakota | Aberdeen | 24 | 8 | 32 |
| Kansas City | Missouri | Missouri | 27 | 9 | 36 |
| Kansas City | Nebraska | Fremont, Lincoln, Omaha | 31 | 11 | 42 |
| Minneapolis | Minnesota | Minnesota | 47 | 16 | 63 |
| Minneapolis | Wisconsin | Wisconsin | 10 | 3 | 13 |
| New Orleans | Alabama | Alabama | 1 | 0 | 1 |
| New Orleans | Louisiana | Louisiana | 3 | 1 | 4 |
| New Orleans | Mississippi | Memphis | 6 | 2 | 8 |
| Stuttgart | Arkansas | Memphis | 14 | 5 | 19 |
| Stuttgart | Kentucky | Barton, Cairo, Ohio Valley | 7 | 2 | 9 |
| Stuttgart | Tennessee | Barton, Cairo, Memphis, Ohio Valley | 5 | 1 | 6 |
| Toledo | Indiana | East Indiana, Frankfort, Indianapolis, Northeast Indiana, Schneider, Titus, Tri-State | 42 | 14 | 56 |
| Toledo | Michigan | Michigan, Detroit | 11 | 4 | 15 |
| Toledo | North Carolina | North Carolina | 7 | 2 | 9 |
| Toledo | Ohio | FGIS, Columbus, Michigan, Tri-State | 29 | 10 | 39 |
| Toledo | Virginia | Virginia | 3 | 1 | 4 |
| Wichita | Kansas | Kansas | 12 | 4 | 16 |
| | | | 450 | 150 | 600 |

PDP Sample Transmittal Form

| | |
|---|---|
| _____ Inspection Location | _____ Inspection Point Code |
| _____ Field Office Location | _____ Agency (FGIS or Official Agency) |
| _____ Carrier Identification | _____ Type (Barge, Truck, Hopper Car) |
| _____ State of Origin | _____ Date of Inspection |
| _____ Quantity (Approximate Bushels) | _____ |

PDP Sample Transmittal Form

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|---|---|
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